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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

1

of

5

Compleat if Known

Application Number	To be assigned
Filing Date	October 16, 2003
First Named Inventor	G. KUKOLJ, et al
Art Unit	To be assigned
Examiner Name	To be assigned
Attorney Docket Number	13/083-2-C1

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code* Number* Kind Code* (if known)				
BC		WO 98/04008	01-29-1998	Motorola Inc.		
↓		WO 98/39031	9-11-1998	Washington University		
		WO 00/66623	11-9-2000	Boehringer Ingelheim		
		WO 01/89364	11-29-2001	Washington University		

Examiner Signature	<i>Berglund</i>	Date Considered	<i>05/10/2005</i>
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**INFORMATION DISCLOSURE
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Sheet 2 of 5

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
BLi		FOURNIER, SUREAU et al.; In vitro infection of adult normal human hepatocytes in primary culture by hepatitis C virus; J. Virol.; 1998, V. 79; 2367-2374	
		GRAKOU, WYCHOWSKI et al.; Expression and Identification of Hepatitis C Virus Polyprotein Cleavage Products; J. Virol.; 1993, V. 67, No. 3; 1385-1395	
		HIJIKATA, MIZUSHIMA et al.; Two Distinct Proteinase Activities Required for the Processing of a Putative Nonstructural Precursor Protein of Hepatitis C Virus; J. Virol.; 1993, V. 67, No. 8; 4665-4675	
		BARTENSCHLAGER, AHLBORN-LAAKE et al.; Nonstructural Protein 3 of the Hepatitis C Virus Encodes a Serine-Type Proteinase Required for Cleavage at the NS3/4 and NS4/5 Junctions; J. Virol.; 1993, V. 67, No. 7; 3835-3844	
		REED, XU et al.; Phosphorylation of the Hepatitis C Virus NS5A Protein In Vitro and In Vivo: Properties of the NS5A-Associated Kinase; J. Virol.; 1997, V. 71, No. 10; 7187-7197	
		KHROMYKH, WESTAWAY; Subgenomic Replicons of the Flavivirus Kunjin: Construction and Applications; J. Virol.; 1997, V. 71, No. 2; 1497-1505	
		BEHRENS, GRASSMANN et al.; Characterization of an Autonomous Subgenomic Pestivirus RNA Replicon; J. Virol.; 1998, V. 72, No. 3; 2364-2372	
		MIZUTANI, KATO et al.; Characterization of Hepatitis C Virus Replication in Cloned Cells Obtained from a Human T-Cell Leukemia Virus Type 1-Infected Cell Line, MT-2; J. Virol.; 1996, V. 70, No. 10; 7219-7223	
		MOSER, TRATSCHIN et al.; A Recombinant Classical Swine Fever Virus Stably Expresses a Marker Gene; J. Virol.; 1998, V. 72, No. 6; 5318-5322	
V		KEDA, SUGIYAMA et al.; Human hepatocyte clonal cell lines that support persistent replication of hepatitis C virus; Virus Research; 1998, V. 56; 157-167	

Examiner Signature

R. C. G. G. G.

Date Considered

05/16/2005

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BL		DASH, HALIM et al.; Transfection of HepG2 Cells with Infectious Hepatitis C Virus Genome; Amer. J. Pathology; 1997, V. 151; 363-373	
		KWONG, KIM et al.; Hepatitis C Virus NS3/4A protease; Antiviral Research 1998, V. 40; 1-18	
		LANFORD, SUREAU et al; Demonstration of In Vitro Infection of Chimpanzee Hepatocytes with hepatitis C Virus Using Strand-Specific RT/PCR; Virology; 1994, V. 202; 606-614	
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		LOHMANN, KORNER et al; Replication of Subgenomic Hepatitis C Virus RNAs in a Hepatoma Cell Line; Science; 1999, V.285; 110-113	
		LOHMANN, KORNER et al; Mutations in Hepatitis C virus RNAs Confering Cell Culture Adaptation; J. Virology; 2001, V. 75, No. 3, 1437-1449	
		LOVE, PARGE et al; The Crystal Structure of Hepatitis C Virus NS3 Proteinase Reveals a Trypsin-like Fold and a Structural Zinc Binding Site; Cell; 1996, V. 87, 331-342	
		SHIMIZU, Purcell et al; Correlation between the infectivity of hepatitis C virus in vivo and its infectivity in vitro; Proc. Natl. Acad. Sci. USA; 1993, V. 90; 6037-6041	
		YANAGI, ST. CLAIRE et al; In vivo analysis of the 3' untranslated region of the hepatitis C virus after in vitro mutagenesis of an infectious cDNA clone; Proc. Natl. Acad. Sci. USA 1999, V. 96, 2291-2295	

Examiner Signature	<i>Boeger L.</i>	Date Considered	05/10/2005
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BL		BRESSANELLI, TOMEI et al.; Crystal structure of the RNA-dependent RNA polymerase of hepatitis C virus; PNAS; 1999, V. 96, No. 23; 13034-13039	
		KIM, MORGENSTERN et al.; Hepatitis C virus NS3 RNA helicase domain with a bound oligonucleotide: the crystal structure provides insights into the mode of unwinding; Structure; 1998, V. 6: 89-100	
		YAN, LI et al.; Complex of NS3 protease and NS4A peptide of BK strain hepatitis C virus; A 2.2 Å resolution structure in a hexagonal crystal form; Protein Science; 1998, V. 7; 837-847	
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		ITO, MUKAIGAWA et al.; Cultivation of hepatitis C virus in primary hepatocyte culture from patients with chronic hepatitis C results in release of high titre infectious virus; J. Gen. Virol.; 1996, V. 77; 1043-1054	
		YOO, SELBY et al.; Transfection of a Differentiated Human Hepatoma Cell Line (Huh7) with In Vitro-Transcribed Hepatitis C Virus (HCV) RNA and Establishment of a Long-Term Culture Persistently Infected with HCV; J. Virol.; 1992, V. 69, No. 1; 32-38	
		AGO, ADACHI et al.; Crystal structure of the RNA-dependent RNA polymerase of hepatitis C virus; Structure; 1999, V. 7; 1417-1426	
		BLIGHT, KOLYKHALOV et al.; Efficient Initiation of HCV RNA Replication in Cell Culture; Science; 2000, V. 290; 1972-1974	

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BL:		CHO, HA et al.; Crystal Structure of RNA Helicase from Genotype 1b Hepatitis C Virus; J. Biol. Chemistry; 1998, V. 273, No. 24; 15054-15052	
		GALE JR., KORTH et al.; Evidence that Hepatitis C Virus Resistance to Interferon is Mediated through Repression of the PKR Protein Kinase by the Nonstructural 5A Protein; Virology; 1997, V. 230: 217-227	
		GRAKOU, MCCOURT et al.; A second hepatitis C virus-encoded proteinase; Proc. Natl. Acad. Sci. USA; 1993, V. 90; 10583-10587	
		GOU, JU-TAO et al.; Effect of Alpha Interferon on the Hepatitis C virus Replicon; J. Virol.; 2001, 75(18):8516-8523	
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		KIM, J.L. et al; Crystal Structure of the Hepatitis C Virus NS3 Protease Domain Complexed with a Synthetic NS4A Cofactor Peptide; Cell; 1996, 87:343-355	
		KRIEGER, NICOLE, et al; Enhancement of Hepatitis C Virus RNA Replication by Cell Culture-Adaptive Mutations; J. of Virol.; 2001, 75(10):4614-4624	
✓		International Search Report issued March 3, 2003 for PCT/CAD1/01843 the counterpart of Parent U.S. Application 10/029,907.	

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